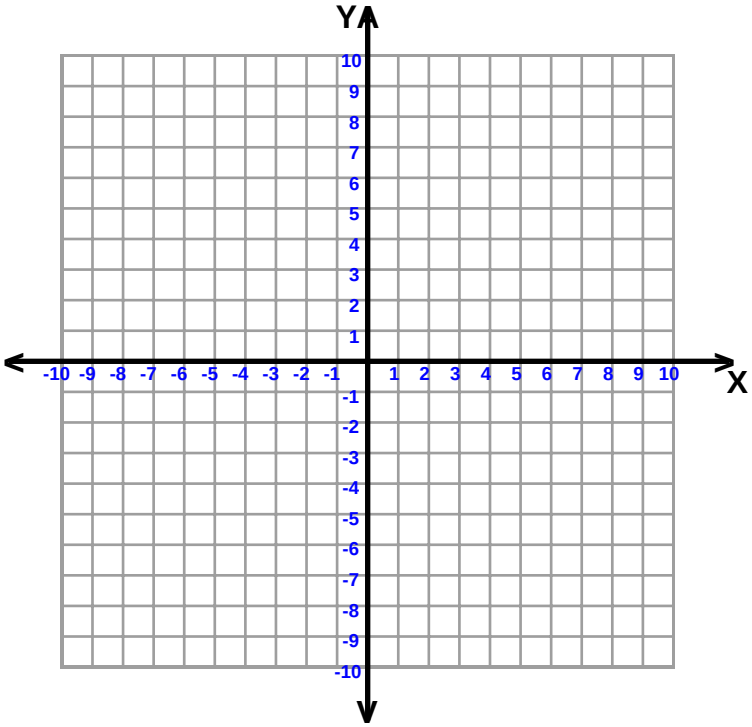
Name : _____ Score : _____

Teacher : _____ Date : _____

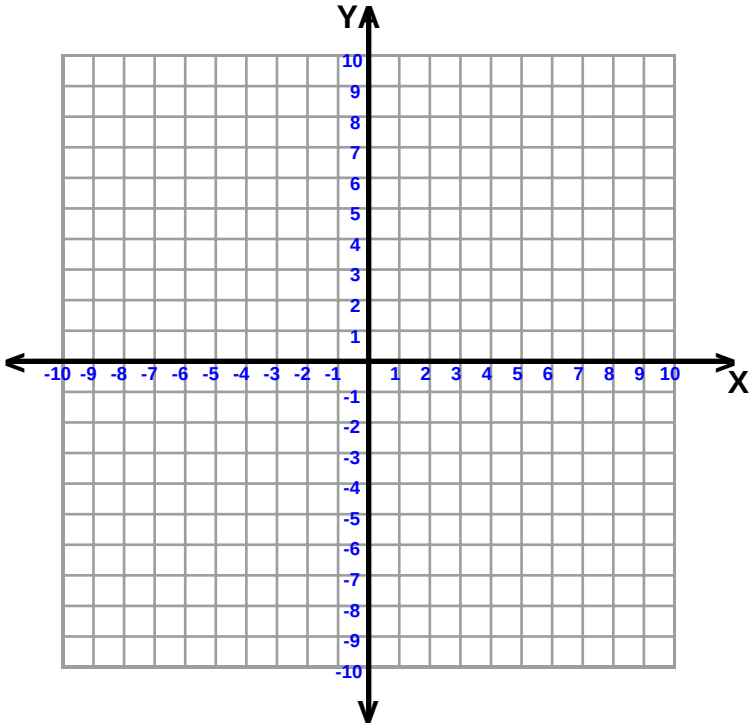
Graphing Logarithms

Give the domain and range of each function, then graph.

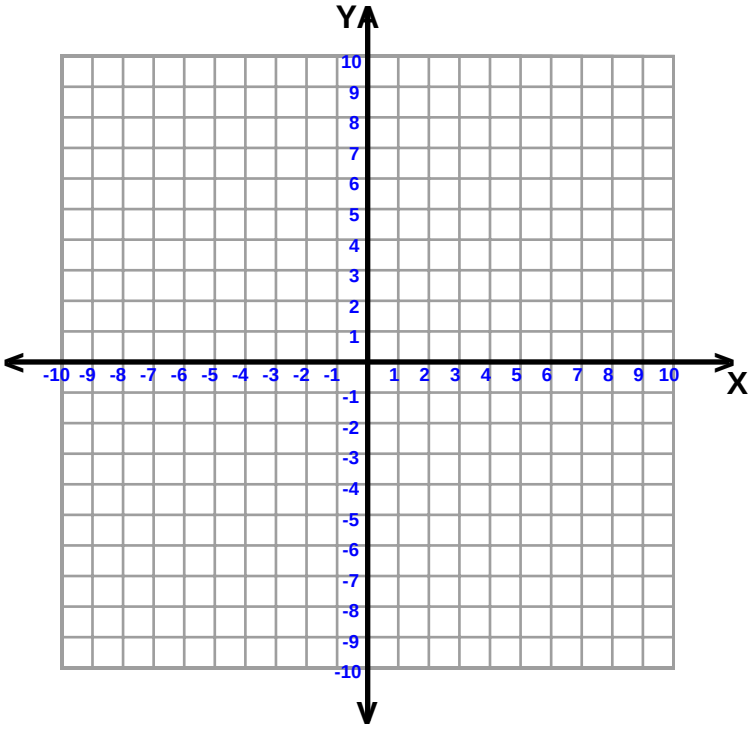
1) $y = \log_5 (x + 4) + 5$



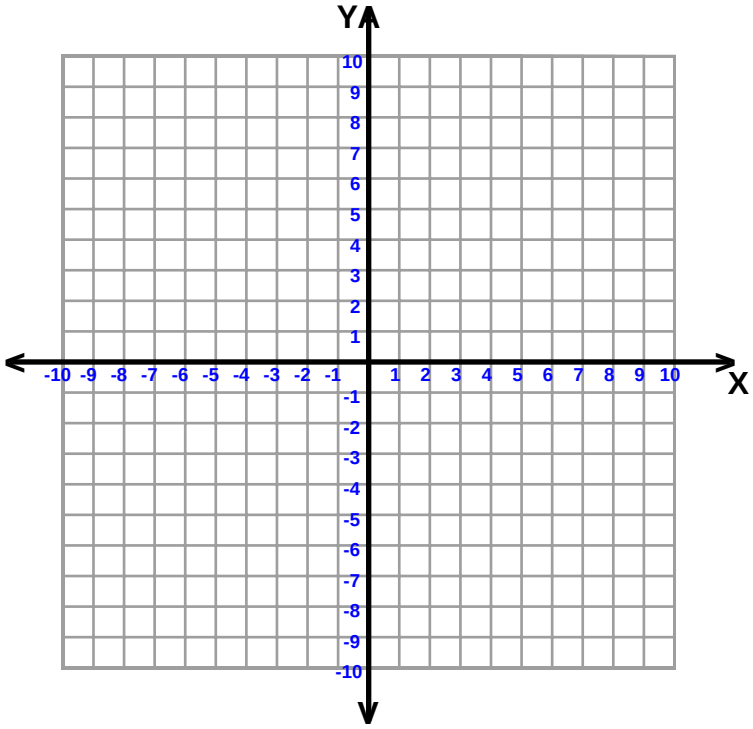
2) $y = \log_4 (x + 5) + 3$



3) $y = \log (x - 3) - 2$



4) $y = \log_2 (x - 2) + 5$



Make sure you can find the asymptote and the intercepts, too!

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Name : _____ Score : _____

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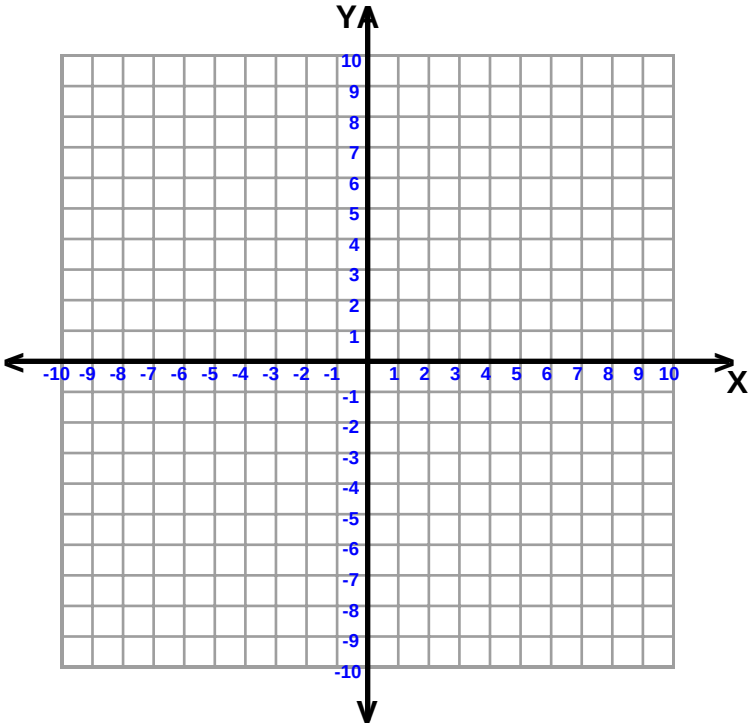
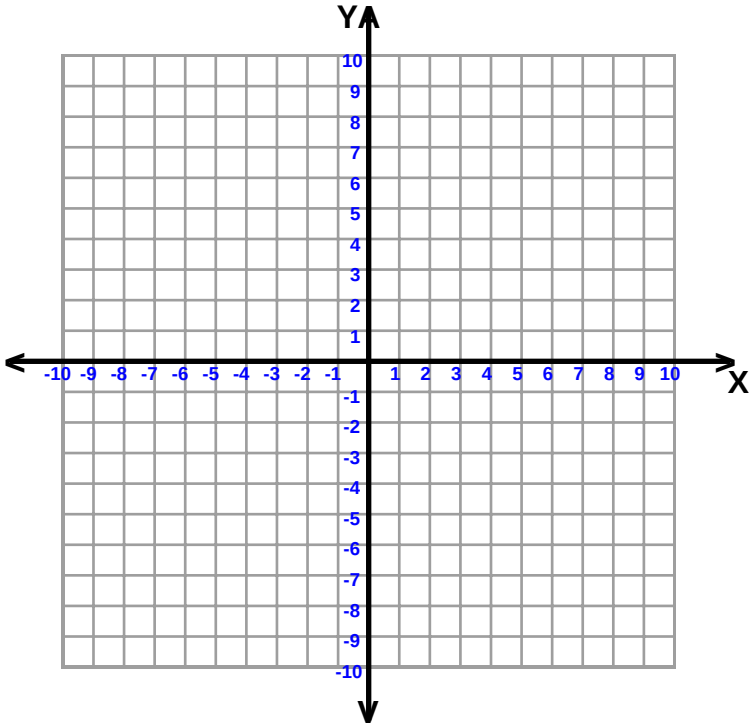
Graphing Logarithms

Give the domain and range of each function, then graph.

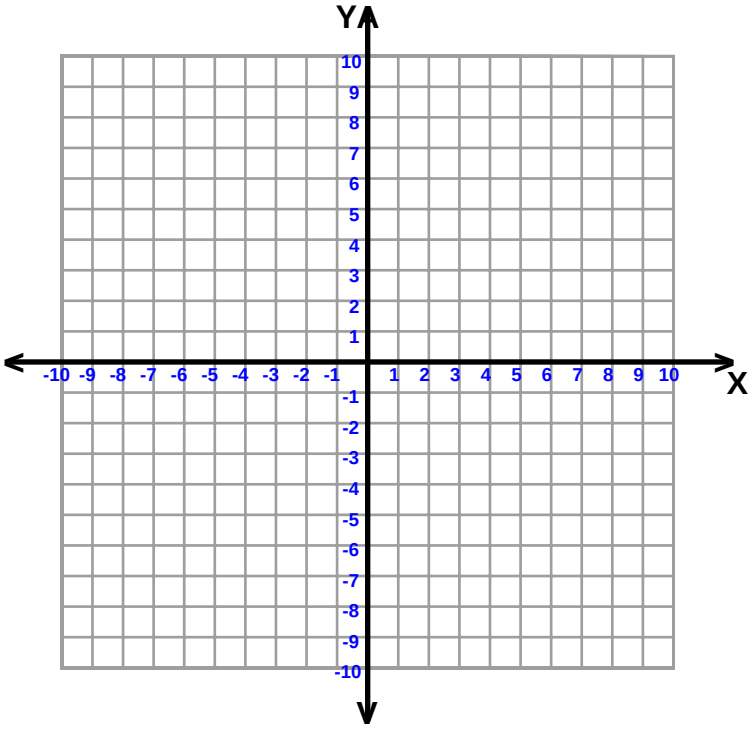
5) $y = \log_2 (4x - 5) + 4$



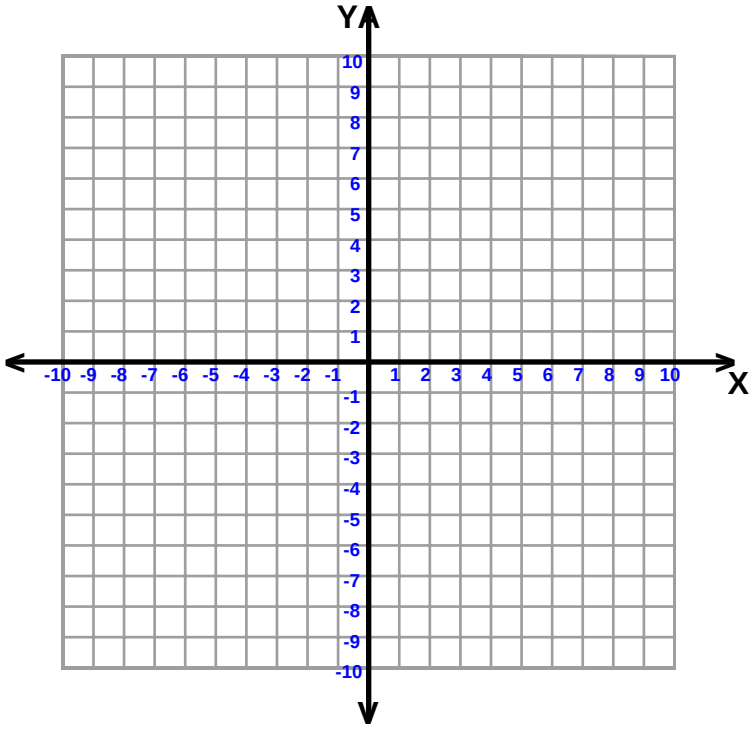
6) $y = \log_7 (2x + 4) - 2$



7) $y = \log (2x + 2) + 3$



8) $y = \log_3 (2x - 5) + 4$



Make sure you can find the asymptote and the intercepts, too!

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Name : _____ Score : _____

Teacher : _____ Date : _____

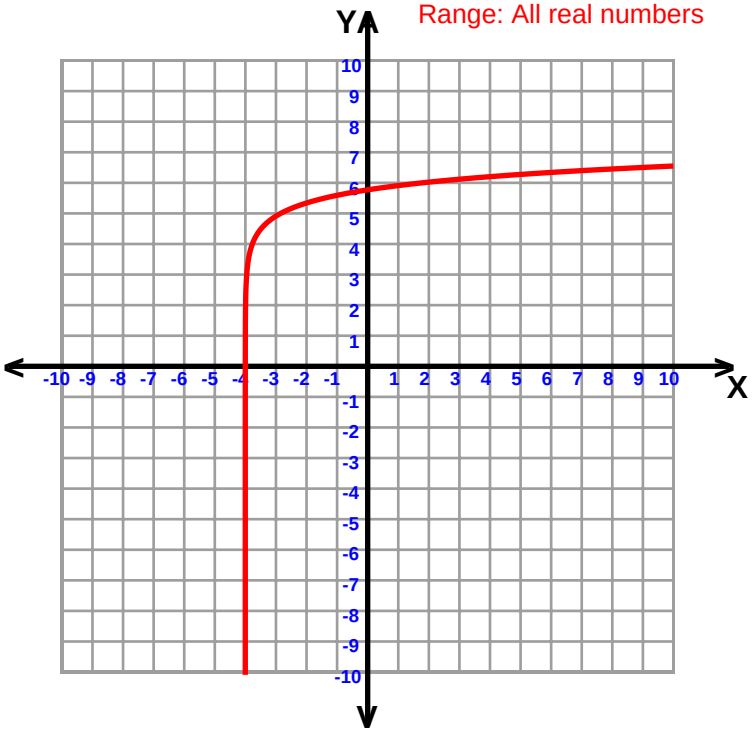
Graphing Logarithms

Give the domain and range of each function, then graph.

1) $y = \log_5 (x + 4) + 5$

Domain: $x > -4$

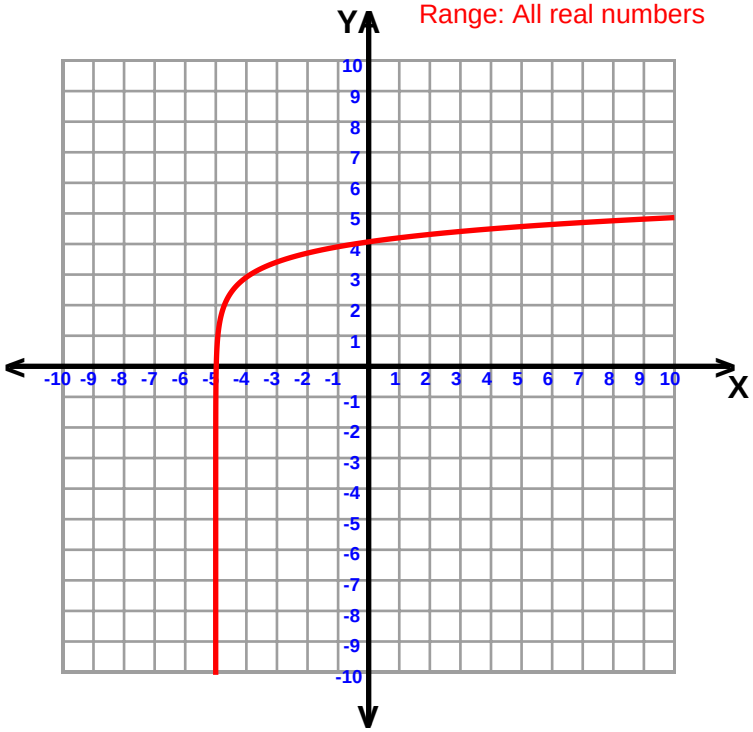
Range: All real numbers



2) $y = \log_4 (x + 5) + 3$

Domain: $x > -5$

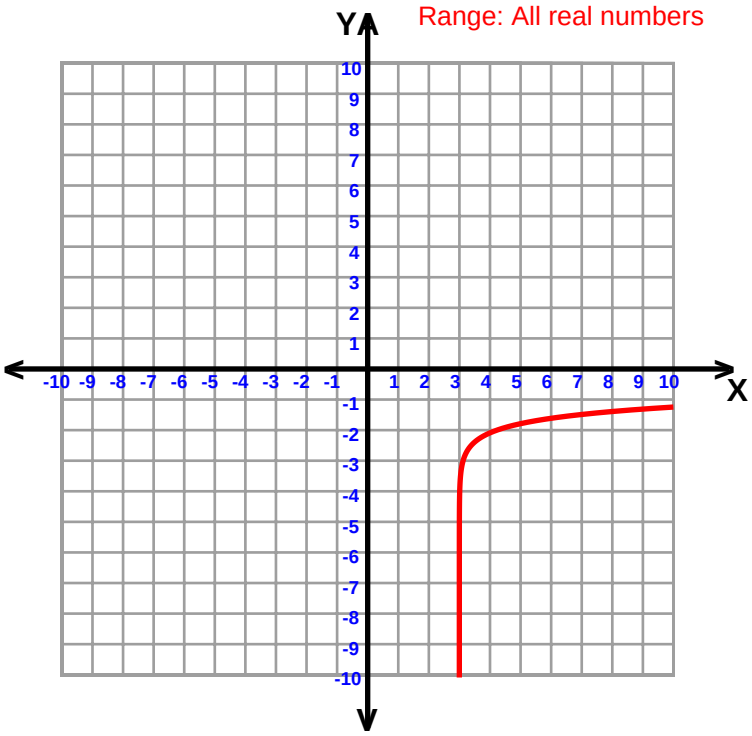
Range: All real numbers



3) $y = \log (x - 3) - 2$

Domain: $x > 3$

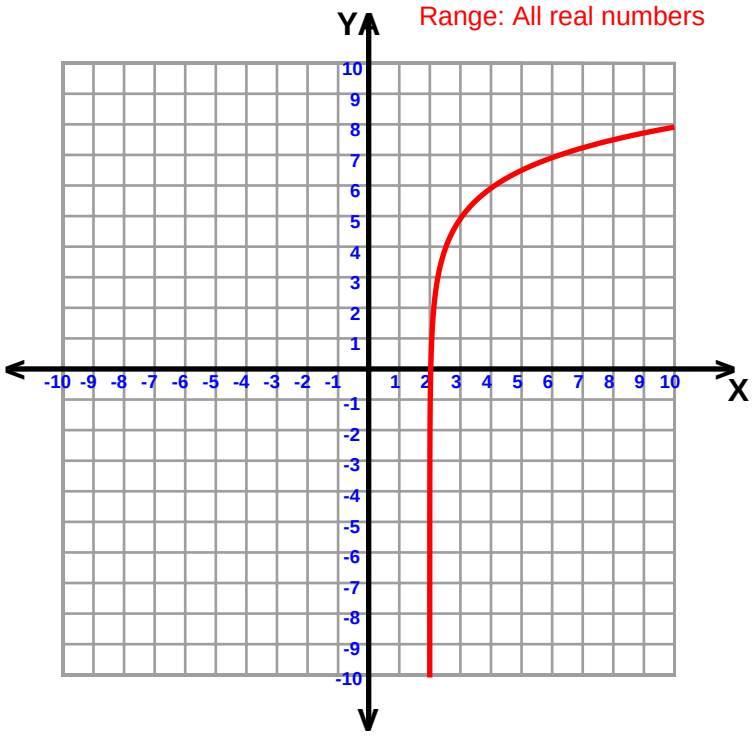
Range: All real numbers



4) $y = \log_2 (x - 2) + 5$

Domain: $x > 2$

Range: All real numbers



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Name : _____ Score : _____

Teacher : _____ Date : _____

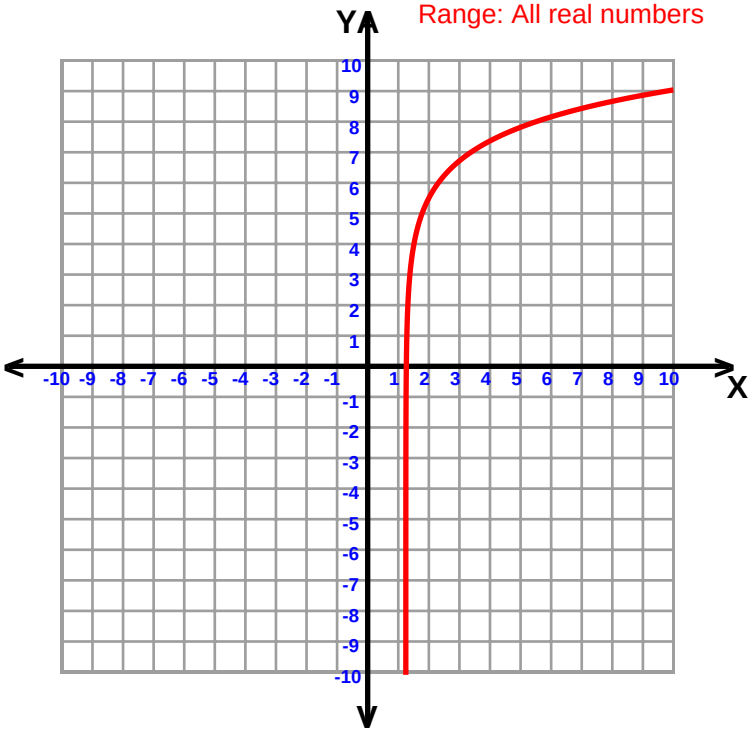
Graphing Logarithms

Give the domain and range of each function, then graph.

5) $y = \log_2 (4x - 5) + 4$

Domain: $x > \frac{5}{4}$

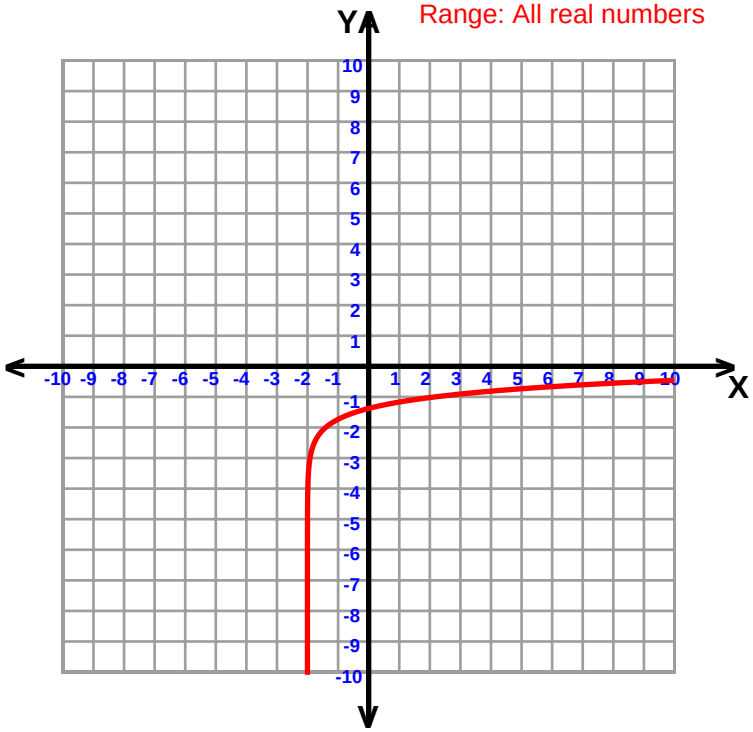
Range: All real numbers



6) $y = \log_7 (2x + 4) - 2$

Domain: $x > -2$

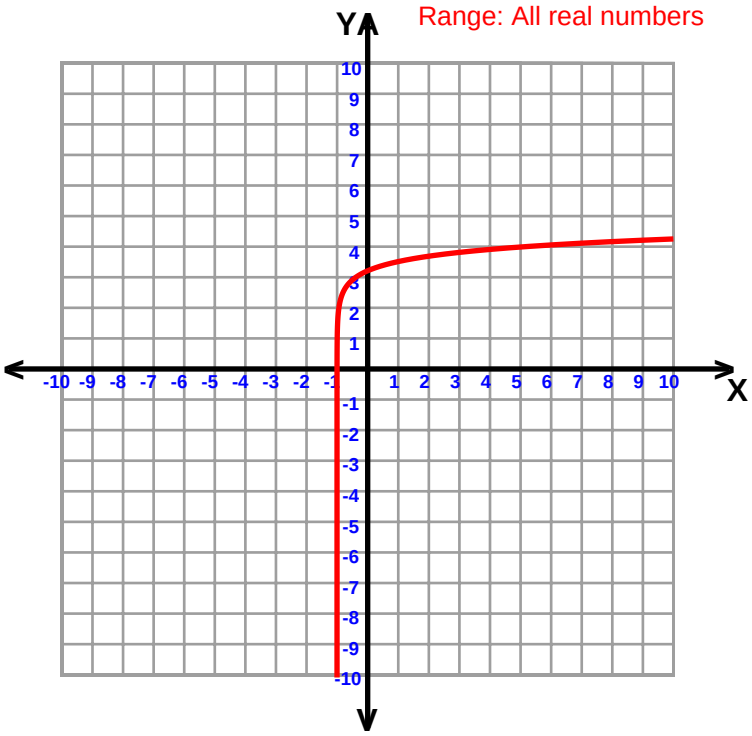
Range: All real numbers



7) $y = \log (2x + 2) + 3$

Domain: $x > -1$

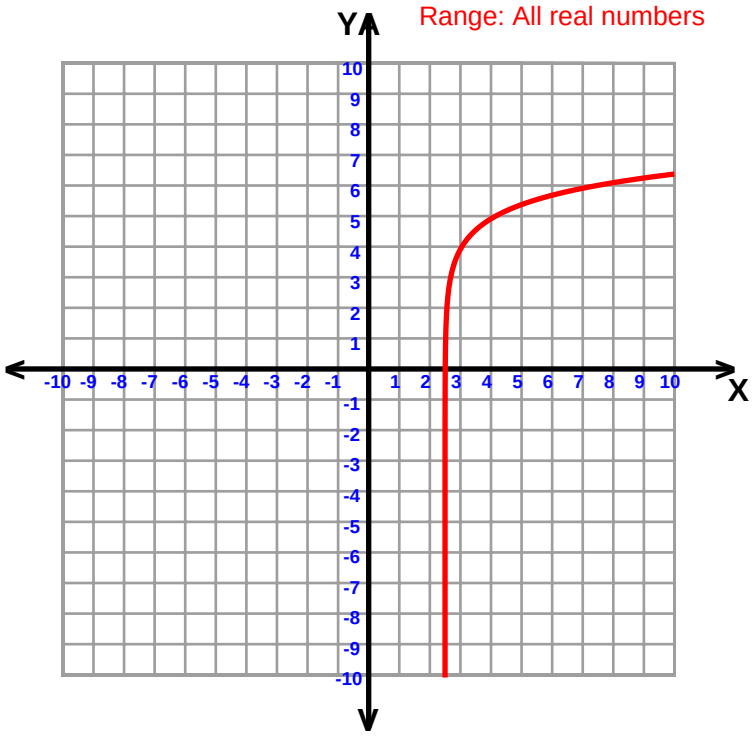
Range: All real numbers



8) $y = \log_3 (2x - 5) + 4$

Domain: $x > \frac{5}{2}$

Range: All real numbers



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